

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jeffrey M. Amsden, et al

Examiner:

Serial No:

Group Art Unit:

Filed:

For: MULTI-TUBULAR REACTORS WITH  
MONOLITHIC CATALYSTS

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 – 1.98**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,



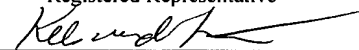
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Date: December 29, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, Alexandria, Va 22313-1450 on 12/31/03  
Date of Deposit

Kees van der Sterre

Name of applicant, assignee, or  
Registered Representative



Signature

12/31 /03

Date of Signature

FORM PTO-1449 (MODIFIED)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.	SERIAL NO.
	SP03-159	
	APPLICANT Jeffrey M. Amsden, et al.	
	FILING DATE	GROUP:

REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date if Approp.
	AA	4,859,642	8/22/89	Hoelderich et al.			
	AB	5,099,085	3/24/92	Strasser et al.			
	AC	5,217,936	6/8/93	Sarup et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Sub-Class	Translation	
							Yes	No
	AL	32 13 413	10/13/83	DE				
	AM	42 43 424	6/23/94	DE			x	
	AN	0 305 203	11/10/93	EP				
	AO	1 110 605	6/27/01	EP				
	AP							
	AQ							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
AR	Groppi et al., "Design of novel monolith catalyst supports for gas/solid reactions with heat exchange", Chemical Engineering Science 55, (2000), pg. 2161-2171.	
AS	Tronconi et al., "A study on the thermal behavior of structured plate-type catalysts with metallic supports for gas/solid exothermic reactions", Chemical Engineering Science 55, (2000), pg. 6021-6036.	
AT	Groppi et al., "Simulation of structured catalytic reactors with enhanced thermal conductivity for selective oxidation reactions", Catalysis Today 69, (2001), pg. 63-73.	
AU	Cutler et al., "Thermally Conductive Honeycombs for Chemical Reactors", Pub. No. US 2003/0100448, published 5/29/03.	
AV		

EXAMINER: \_\_\_\_\_ DATE CONSIDERED: \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.